

# Code Analysis

---

## Description

Presents best practices for performing code analysis to uncover errors in and improve the quality of source code. Methods include manual code auditing, walkthroughs, static analysis, dynamic analysis, metric analysis, testability analysis, crypto analysis, random number analysis, and fault injection.

## Overview Articles

Name	Version Creation Time	Abstract
Code Analysis	11/14/08 9:24:55 AM	Software security is first and foremost about identifying and managing risks. One of the most effective ways to identify and manage risk for an application is to iteratively review its code throughout the development cycle. Substantial net improvements in software security can be realized through the formal use of design and code inspection.

## Most Recently Updated Articles [Ordered by Last Modified Date]

Name	Version Creation Time	Abstract
Business Case	11/14/08 2:38:48 PM	Substantial net improvements in application security have been obtained through the use of formal reviews of design and code. Improvements are made possible by a systematic design and code verification process. By using source code review results, a significant reduction in security flaws can be achieved. To perform this kind of analysis, it is necessary for a project to have defined, consistently executed processes for source code inspection, code rework, and retesting.
Code Analysis	11/14/08 9:24:55 AM	Software security is first and foremost about identifying and managing risks. One of the most effective ways to identify and manage risk for an application is to iteratively review its code throughout the development cycle. Substantial net improvements in software security can be realized

		through the formal use of design and code inspection.
Code Analysis - References	11/5/08 4:49:05 PM	Content area bibliography.

## All Articles [Ordered by Title]

Name	Version Creation Time	Abstract
Business Case	11/14/08 2:38:48 PM	Substantial net improvements in application security have been obtained through the use of formal reviews of design and code. Improvements are made possible by a systematic design and code verification process. By using source code review results, a significant reduction in security flaws can be achieved. To perform this kind of analysis, it is necessary for a project to have defined, consistently executed processes for source code inspection, code rework, and retesting.
Code Analysis	11/14/08 9:24:55 AM	Software security is first and foremost about identifying and managing risks. One of the most effective ways to identify and manage risk for an application is to iteratively review its code throughout the development cycle. Substantial net improvements in software security can be realized through the formal use of design and code inspection.
Code Analysis - References	11/5/08 4:49:05 PM	Content area bibliography.